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Annual Indexes to Volume 11 1980

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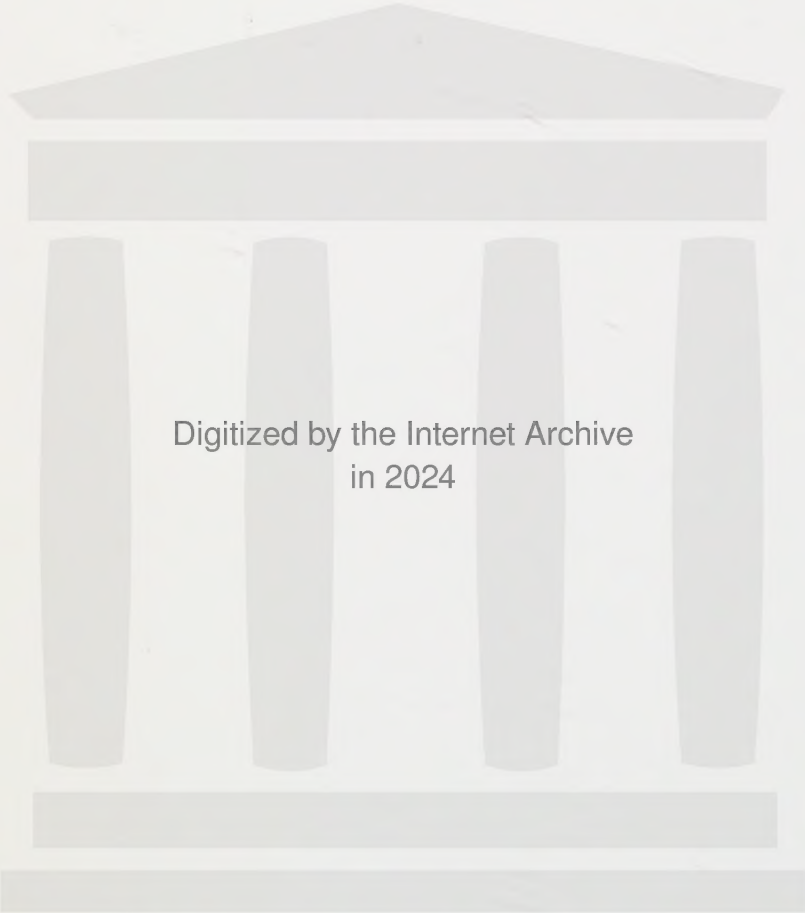
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Annual Indexes to Volume 11 1980

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# Preface

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These indexes are cumulations of the monthly indexes from the 1980 volume of Entomology Abstracts.

The **Subject Index** (which includes a taxonomic index) is compiled in the following way. For each document the indexer selects indexing terms from fixed lists of keywords which are continually updated. From these selected terms word chains are constructed, the word order being determined by the indexer. It is these word chains which make up the **Subject Index** entries.

The index terms used to create the **Subject Indexes** plus additional terms selected by the indexer to further describe and define the document are also present as a search tool in the IRL database.

The following conventions apply to all terms used in the **Subject Index**:

- (1) All derivatives of purines, pyrimidines, nucleosides and nucleotides are listed under the parent compound e.g. 5-fluorouracil = uracil (5-fluoro).
- (2) Enzyme names follow the 1978 recommendations of the IUPAC and IUB.
- (3) Latin binomials are used for all taxonomic terms except domestic animals, livestock and pets.



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- Arthropoda surveys, dunes/coasts, Outer Hebrides 7642.
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- arthropods, forests, Venezuela 457.
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- arthropods, soil, biomass/phosphorus content 3429.
- arthropods, soil, Costa Rica 1223.
- arthropods, succession, mathematical models 461.
- arthropods, trophic relations, *Zea mays* crop fields, calcium 1079.
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- biology/ecology, Collembola, USSR Karakum 2894.
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- biology/population dynamics *Aphodius rufipes*, dung 8312.
- biology/population regulation Culicidae, Nagasaki 1865.
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- biomass/community composition, Insecta, Savannah R., USA South Carolina 6614.
- Biston cognataria*, melanism, USA Massachusetts 1816.
- biting behaviour/seasonal variations community composition/abundance, Simuliidae, USSR Amur 4155.
- black light traps, population studies *Heliothis zea* 1873.
- Blissus leucopterus*, pest outbreaks predictions 2584.
- breeding sites *Aedes*, population studies, Western Samoa 1817.
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- capture methodology, estimation population density Insecta, *Medicago sativa* crop fields 6604.
- capture-recapture studies, *Heliothis zea* 3335.
- Carabidae, assessment population density, pitfall traps 3298.
- Carabidae, community composition/bionomics/zoogeography, mountains, Czechoslovakia 4095.
- Carabidae, distribution/dispersal 9514.
- Carabidae, habitats, savannahs, Ivory Coast 5754.
- Carabidae, vertical distribution/density, *Malus* orchards 3305.
- Carabidae sampling methodology, urban environments, Poland Warsaw 8559.
- carbaryl pollution effects Insecta community composition 3310.
- Cerambycidae, Niepolomice Forest, Poland 5770.
- Ceratopogonidae, West Indies Grand Cayman 3556.
- characteristics, *Drosophila melanogaster*, isolation 2458.
- Chilopoda from *Talpa europaea* burrows, Italy 2545.
- Chironomidae, community composition, Yugoslavia, Velika Morava R. 1228.
- Chironomidae, fishponds, prey *Cyprinus carpio* 6728.
- Cicadellidae, association *Festuca arundinacea* crops, USA Missouri 1849.
- climatic changes effects on Diaspididae/predators population levels, *Citrus*, Brazil 4091.
- Coccinella septempunctata*, harvesting Leguminosae effects on 5735.
- Coleophora fuscedinella*, population levels, sampling, damage *Betula papyrifera* 3337.
- Coleoptera, population changes, habitats, flooding, forests, Brazil 445.
- Coleoptera, population studies, Sweden, Uppsala 448.
- Coleoptera, saprophagy, *Oryetolagus cuniculus* cadavers, Italy Varese 4063.
- Coleoptera, Sweden Angeran R. 1226.
- Coleoptera/Araneae communities, forest floor, clearance effects on 455.
- Collembola, birds nests, Poland 8511.
- Collembola, coexistence/food preferences, forest floor 5738.
- Collembola, soil, forests, India 4880.
- Collembola, Stratification, soil 1990.
- Collembola community composition, deforestation/reforestation effects on, Pyrenees Mts. 5761.
- community composition, Acari, orchards, USA Massachusetts 6611.
- community composition, environmental effects, arthropods, Germany, Fed. Rep., Norderboothfahrt 2823.
- community composition, species richness/species diversity, Insecta, review 4900.
- community composition, thermal pollution pollution effects, Ephemeroptera, Oslava R., Czechoslovakia 6736.
- community composition *Aedes* vectors yellow fever virus, Nigeria 2603.
- community composition Arthropoda, streams, Alburz Mts., Iran 8758.
- community composition/breeding sites *Culicoides*, bluetongue virus vectors, Cyprus 1110.
- community composition Coleoptera, soil, forests, Brazil 5864.
- community composition Corixidae, saline environments, lakes, British Isles Cheshire 4231.
- community composition/diversity indices, aquatic animals, Insecta 6733.
- community composition/ecological distribution Tabanidae, alpine environments, France Hautes-Alpes 5713.
- community composition/habitat preferences Drosophilidae, Japan Hokkaido 4882.
- community composition/habitat preferences Chilopoda, forests soil, USA Illinois 5739.
- community composition/habitat selection Formicidae, urban environments, USA North Carolina 5716.
- community composition/population dynamics Tabanidae, USA Tennessee 7426.
- community composition/vertical distribution zoobenthos, Insecta, British Isles Wye R. 5012.



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- competition, intraspecific interactions, *Rhagovelia scabra*, Rio Guacimal, Costa Rica 5876.
- conservation Rhopalocera, forests 1818.
- Culicidae, breeding sites/population density/population dynamics, USSR Uzbekistan 1838.
- Culicidae, community composition, environmental effects, USSR Crimea 4889.
- Culicidae, population density/abundance, Philippines 4123.
- cultivation techniques effects on natural enemies Lepidoptera pests, *Glycine max* 2650.
- Curculionidae, ecology, Sachsischen Schweiz 1887.
- cytoplasmic incompatibility, *Culex pipiens* 8852.
- demography, *Cydia pomonella* 4876.
- Dermacentor variabilis*, population dynamics, temperature effects, USA 1095.
- Dermatophagoides pteronyssinus* / *Dermatophagoides farinae*, seasonal variations, house dust, Canada British Columbia 4157.
- deserts, Arthropoda 4877.
- Diabrotica*, abundance/distribution, agricultural ecosystems crop rotation/topography effects on, USA Nebraska 6595.
- Diptera, community composition, pigs slurries 1105.
- Diptera interspecific interactions Scolytidae, France, Paris 5706.
- dispersal effects on population dynamics, mathematical models, *Lymantia dispar* larvae 5690.
- dispersal *Hypera postica*, population studies, traps 474.
- dispersal/phenology, *Nilaparvata lugens*, paddy fields 7400.
- dispersal/population dynamics/reproduction *Anopheles stephensi* 3964.
- dispersal/population dynamics *Triatoma sordida* / *Panstrongylus megistus*, Brazil 5710.
- dispersal/population structure *Colias philodice*, USA Colorado 5756.
- dispersion, *Aleurocanthus woglumi* 8537.
- dispersion, environmental effects, *Thrips tabaci* 6596.
- dispersion/sampling, *Ceratomyxa trifurcata* 7409.
- distribution, *Dendroctonus frontalis*, mathematical models 6592.
- distribution, mathematical models, *Oulema melanopus* 5952.
- distribution *Dermacentor silvarum* / *Ixodes persulcatus*, USSR 1160.
- distribution eggs, *Psorophora columbiae* 9601.
- distribution in nests, *Solenopsis invicta* 9587.
- distribution/population density Insecta, *Oryza sativa*, mathematical models 4053.
- distribution/population density Simuliidae larvae, environmental effects, streams, Canada Newfoundland 5868.
- distribution/population levels Diplopoda, agricultural ecosystems, Senegal 6628.
- Diurnea fagella*, melanism, Sweden 462.
- diversity indices, Ephyridae, USA Iowa 5766.
- Drosophila*, climate effects on frequency/distribution, Israel 3299.
- Drosophila*, phenology, Iberian Peninsula 6624.
- Drosophila*, resource utilization 2548.
- Drosophila*, seasonal variations reproductive status, Japan Hokkaido 6597.
- Drosophila melanogaster*, fitness, population genetics 2759.
- Drosophila melanogaster*, population genetics, development fitness 596.
- dry seasons, relationship *Oryza sativa* damage, *Orseolia oryzae*, Thailand 8459.
- ecological distribution/population dynamics/community composition Simuliidae, Stora Tjultrask, Sweden 4240, 5006.
- ecological genetics, coloration/enzymes/morphometry, *Bombus* 8865.
- ecology, airborne Insecta, montane environments, White Mt. Peak, USA California 5699.
- eggs, *Simulium*, streams, British Isles England 9733.
- eggs viability *Rhopalosiphum padi* 8521.
- Elateridae larvae, soil, forests 7413.
- Elatobium abietinum*, survival, seasonal variations, *Picea sitchensis* effects on 1889.
- emergence patterns, *Dendroctonus frontalis* 472.
- Empoasca fabae*, *Medicago sativa* harvesting effects on 1841.
- energetics, mathematical models, pasture pests 2554.
- energy budget, arthropods 468.
- Entomoscelis adonidis*, isolation, wings venation, mountains 810.
- environmental effects, Tenebrionidae, USA Nevada Mojave Desert 3328.
- enzyme polymorphism, *Dendroctonus ponderosae*, population genetics 5092.
- enzyme polymorphism, *Formica*, population genetics 5955.
- enzyme polymorphism, genotype-environment interactions, *Drosophila buzzatti* 594.
- enzyme polymorphism/mutation rates, *Drosophila*, models 5093.
- enzyme polymorphism/taxonomy *Dolichopoda*, population genetics 5097.
- enzymes polymorphism, *Heliothis virescens* 595.
- Epilachna varivestis* / *Melanoplus femurrubrum*, abundance, *Sorghum bicolor* crop fields, crop production systems effects on 6679.
- Epiphyas postvittana*, susceptibility nuclear polyhedrosis virus, Australia 900.
- evolutionary genetics/population genetics, genes frequency equilibrium, *Drosophila melanogaster* 5952.
- fecundity, *Bucculatrix pyrivorella* 9540.
- feral populations, *Apis mellifera*, USA Arizona 7446.
- fertilizers effects on population dynamics insects, crop fields 1843.
- forests fires, effects on community composition/species diversity arthropods, Germany, Fed. Rep. 4071.
- Formicidae, food, resource utilization/niche overlap/species diversity 7564.
- gene frequency, seasonal variations, *Drosophila mimica* 2035.
- genotype-environment interactions, temperature effects, enzyme polymorphism, *Drosophila melanogaster* 5958.
- geographical distribution/ecology *Euphydryas maturna*, Poland Wroclaw 6850.
- Gossypium hirsutum* planting date effects on, *Anthonomus grandis* 2563.
- guilds species richness Homoptera, *Spartina patens* stands size effects on 2564.
- habitat utilization/mortality factors, population dynamics, *Papilio xuthus* 5742.
- Helianthus* pests, USA, Texas 544.
- Heliothis zea*, emergence, population dynamics, mathematical models 1821.
- Heteroptera/Homoptera, India, Muzaffarnagar 356.
- Heteroptera population levels, grasslands, cutting effects on 4088.
- host-parasite interactions, *Neodiprion sertifer* / *Exenterus abruptorius* 1093.
- host-parasite interactions, *Trichogramma* population regulation pests 4054.
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 Insecta, brackish water, coastal environments, Sweden  
   Bothnia Gulf 1817.  
 Insecta, community composition, *Ipomoea batatas* / *Zea mays* agricultural ecosystems, Costa Rica 8513.  
 Insecta, lakes, volcanic environments, Sudan Jebel Marra 6729.  
 Insecta abundance/community composition, Aldabra Atoll 5772.  
 insects, population growth/population regulation, convergence, mathematical models 1085.  
 interspecific interactions, energetics, *Tribolium* 5720.  
 interspecific interactions, Formicidae 1084.  
 intraspecific hybridization, melanism dominance, *Biston betularius* / *Odontoptera bidentata*, population genetics 5090.  
 invertebrates soil fauna, *Quercus* forests, USSR Zhiguli Mts. 5762.  
 irrigation effects on population density, *Spodoptera littoralis*, crop fields 8519.  
 isolation, extinction *Maculinea arion*, British Isles 5733.  
 Isoptera, altitude distribution, soil/vegetation effects on, Pakistan 4052.  
 Isoptera, distribution/pest status, India Rajasthan 5743.  
*Ixodes*, fertility, seasonal variations 3183.  
 Ixodidae, population density, mapping, methodology 5737.  
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*Leptinotarsa decemlineata* population density effects on yield *Lycopersicon esculentum* 6717.  
*Liebstadia humerata*, distribution, dead wood, *Quercus* forests, Denmark 8505.  
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 life cycles/population ecology *Carabodes willmanni*, heaths 5712.  
 life tables construction, Insecta 1836.  
*Limnophyes pusillus*, population studies 988.  
 longevity association fecundity, population genetics, *Drosophila melanogaster* 5950.  
*Magiciada septendecim* larvae, population density/population structure, orchards/forests soil, USA Connecticut 9718.  
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*Merodon equestris*, morphology/mating 1013.  
 monitoring, pheromone traps, *Synanthedon pictipes* 4198.  
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 mortality factors, *Pleroneura*, USA California 3205.  
 mowing effects on arthropods, grasslands 1123.  
 mowing effects on Heteroptera/Homoptera, grasslands 1874.  
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*Myrmeleotettix maculatus*, reproductive isolation, clines, British Isles East Anglia 4342.  
 natural enemies *Meligethes aeneus*, insecticides effects on 6680.  
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*Nicotiana* pests/natural enemies, insecticides effects on 7534.  
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 Oribatei, habitats/feeding biology, alpine environments, Austria Tyrol 6616.  
 Oribatei, soil fauna, indicator organisms, human impact environmental degradation 5861.  
*Otiorynchus sulcatus*, parthenogenesis, Italy 3180.  
*Oulema oryzae*, threshold density, chemical control, mathematical models 3340.  
 overwintering *Manduca sexta*, USA North Carolina, mathematical models 3970.  
 oviposition/population levels *Hypera postica*, *Microctonus aethiopoides* parasitism effml7+on 3253.  
 parasitism/population regulation *Anastrepha ludens* 3332.  
*Peridroma saucia*, Japan Rokkosan Mt. 6618.  
*Perisiera naphantidis*, biological control *Nephantis serinopa* 1830.  
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 pest outbreaks/damage, USA Alaska 5819.  
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 pest outbreaks *Pityophthorus opaculus*, *Abies lasiocarpa*, USA Colorado 6698.  
 pest outbreaks predictions, *Dentroctonus frontalis*, mathematical models 1853.  
 pest status/population dynamics, Insecta, orchards, Canada Nova Scotia 5846.  
 pests, orchards, absence-insecticides, Canada, Ontario 1961.  
 phenology, *Epitimerus pyri* 3234.  
 phenology/population dynamics *Haplaxius crudus*, USA Florida 8377.  
 phenology/population studies, *Frankliniella fusca* 5851.  
 polymorphism, *Aphelia peramplana*, Malta 447.  
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 population decline *Lymantria dispar*, role cytoplasmic polyhedrosis virus, Austria Leithagebirge 5845.  
 population densities/parasites *Liriomyza trifoliarum*, USA 8525.  
 population density, *Dicosmoecus gilvipes* larvae, sampling 4247.  
 population density, effects on oogenesis/oviposition, *Acanthoscelides obiectus* 8255.  
 population density, population studies, *Ephestia cautella* 6619.  
 population density, sampling methodology, *Empoasca fabae* 5721.  
 population density *Anopheles culicifacies* / transmission malaria, India Tamil Nadu 8603.  
 population density/biomass Arthropoda, seasonal variations, deserts, Egypt, Arab Rep. 7434.  
 population density/community composition soil fauna, grasslands 8755.  
 population density/dispersal *Hydrotaea irritans* 465.  
 population density/distribution Ephemeroptera, Pennington Creek, USA Oklahoma 6737.  
 population density/distribution *Nilaparvata lugens*, *Oryza sativa*, mathematical models 4097.  
 population density effects on development, *Anopheles* 4748.  
 population density effects on dispersal/pupaion/mortality, *Delia antiqua* 5734.  
 population density effects on fecundity, *Anopheles* 4749.  
 population density effects on oviposition, *Diabrotica virgifera* 3157.  
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- larvae, streams, Denmark 6730.
- population density/geographical distribution Tortricidae, orchards, Poland 5724.
- population density Lepidoptera, light traps, mathematical models 5757.
- population density *Molophilus ater*, human impact, soil 6602.
- population density/population growth *Conoderus exsul* / *Conoderus falli*, introduced species, USA California 5755.
- population density Psychodidae, vectors leishmaniasis, USSR Uzbekistan 8589.
- population density *Xyletinus peltatus*, buildings, wood, USA Mississippi 3294.
- population dynamics, Auchenorrhyncha 9596.
- population dynamics, *Coleophora laricella* 2543, 2544.
- population dynamics, environmental effects, mathematical models, *Glossina morsitans* 2583.
- population dynamics, environmental factors, *Heliothis zea*, mathematical models 2568.
- population dynamics, *Epinotia tedella* / *Pimplopterus dubius* / *Apanteles tedellae* 6599.
- population dynamics, Formicidae, forests 1121.
- population dynamics, *Gastrophysa viridula* 2580.
- population dynamics, geographical variations, *Nephotettix cincticeps* 1840.
- population dynamics, host-parasite interactions, *Aphis craccivora* / *Trioxya indicus* 8431.
- population dynamics, *Lepidostoma quercina*, streams, USA, Oregon 1863.
- population dynamics, life tables, *Culex tritaeniorhynchus*, mathematical models 4055.
- population dynamics, mathematical models, *Drosophila limbatula* 454.
- population dynamics, mathematical models, *Panonychus ulmi* 1880.
- population dynamics, *Megaselia halterata* 539.
- population dynamics, *Melolontha melolontha*, Germany, Fed. Rep. Inn R. Valley 4893.
- population dynamics, *Musca vetustissima*, mathematical models 1856.
- population dynamics, *Neodiprion sertifer* / *Exenterus abruptorius* 4002.
- population dynamics, *Paravespula vulgaris* colonies, mathematical models 1983.
- population dynamics, pest outbreaks *Sitobion avenae*, mathematical models 6603.
- population dynamics, radiation sterilization effects on, *Pectinophora gossypiella* 3897.
- population dynamics, seasonal variations, *Chilo zonellus*, India 1725.
- population dynamics, seasonal variations, *Diatraea saccharalis*, USA Texas 2473.
- population dynamics, *Sitophilus zeamais*, oxygen/carbon dioxide/nitrogen atmosphere effects on 7259.
- population dynamics/abundance/biology/ecology *Drosophila*, British Isles 8339.
- population dynamics Acrididae, Upper Volta 3295.
- population dynamics *Aedes simpsoni*, environmental effects, Central Africa 1116.
- population dynamics *Amathes c-nigrum*, USA Washington 7335.
- population dynamics *Amrasca biguttula*, pest resistance *Hibiscus esculentus* 4848.
- population dynamics *Anastrepha* / *Ceratitis capitata*, Brazil 3331.
- population dynamics Aphididae, cereals 1809.
- population dynamics Aphididae, *Solanum tuberosum* crop fields, Thailand 7430.
- population dynamics Araneae, crop fields, Canada, Saskatchewan 1876.
- population dynamics *Cerapteryx graminis*, Canada Newfoundland 3336.
- population dynamics/chemical control *Hypoderma bovis* 8658.
- population dynamics Chironomidae, environmental effects, stream flow, Grand R., USA Oklahoma 4235.
- population dynamics/community composition Rutelidae, savannahs, Ivory Coast, Lamto 470.
- population dynamics/community composition, *Phlebotomus*, vectors *Leishmania tropica*, Saudi Arabia 481.
- population dynamics/community composition Araneae, crop fields 5768.
- population dynamics/control *Culex tritaeniorhynchus*, India Uttar Pradesh 6641.
- population dynamics/control programmes *Lymantria dispar*, mathematical models 2577.
- population dynamics *Culicoides grahamii* 7414.
- population dynamics *Dendroctonus frontalis* 9524.
- population dynamics/dispersal, *Moritzella castaneivora* 2472.
- population dynamics/energetics, *Neobisium muscorum* / *Chthonius orthodactylus*, soil 3333.
- population dynamics *Gastrophysa viridula*, flooding effects on 4879.
- population dynamics *Harmonia conformis*, *Acacia* 3330.
- population dynamics *Heliothis*, *Geranium dissectum* 7384.
- population dynamics/host preferences *Amrasca biguttula*, India 1859.
- population dynamics *Hypera postica* / *Sitona hispidula* / *Hypera punctata*, USA Illinois 8562.
- population dynamics *Ixodes holocyclus*, parasites *Isoodon macrourus*, Australia Queensland 6543.
- population dynamics/life cycles/distribution Acari, Signy I. 4897.
- population dynamics/migration *Phorodon humuli* 4866.
- population dynamics *Nephotettix*, temperature effects reproduction/disease transmission, *Oryza sativa* crop fields, Taiwan 1126.
- population dynamics/parasitism, *Lymantria dispar* 8534.
- population dynamics *Pertisocyphus granai*, semiarid environments, Saudia Arabia 4894.
- population dynamics/pest status *Epiphyas postvittana*, orchards, Australia Canberra 8540.
- population dynamics/pest status/life cycles, *Cochliomyia hominivorax*, Mexico Veracruz 7439.
- population dynamics/pesticide resistance *Hypera brunneipennis*, mathematical models 1828.
- population dynamics/phenology, environmental effects, *Atherigona soccata* 4092.
- population dynamics/phenology, *Gastrimargus transversus* 6632.
- population dynamics/phenology Culicidae, Greece Copais 5602.
- population dynamics/population density *Glossina fuscipes*, Congo, People's Rep. 8516.
- population dynamics/population regulation *Matsucoccus matsumurae*, China, People's Rep. 4084.
- population dynamics/population structure/sex ratios *Pachylulus foetidissimus*, USSR Caucasus 4869.
- population dynamics/population studies *Locusta migratoria*, India, Delhi 452.
- population dynamics/predatory behaviour *Toxorhynchites brevipalpis*, Kenya 1127.

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- population dynamics *Pseudococcus calceolariae*, Italy Salerno 4886.
- population dynamics *Pyrilla perpusilla* 5752.
- population dynamics/reproduction *Panonychus citri* 4070.
- population dynamics *Sceliphron assimile*, Jamaica 8547.
- population dynamics Scolytidae, mathematical models 5709.
- population dynamics *Solanum carolinense*/Frumenta nundinella/Scambus pterophori food chains 2570.
- population dynamics/spatial distribution *Cerotoma trifurcata*, USA North Carolina 9526.
- population dynamics *Stenacron interpunctatum* 374.
- population dynamics *Symphoromyia*, parasitism *Odoicoileus*, USA California 450.
- population dynamics *Tortrix viridana*, mathematical models 3320.
- population dynamics *Trichocorixa verticalis*, salt marshes, USA New Jersey 4245.
- population dynamics *Trinervitermes*, nests 1988.
- population dynamics *Zeiraphera diniana*, migration 5696.
- population dynamics *Zeiraphera diniana*, mathematical models 5769.
- population dynamics *Zetzellia mali*, orchards, Canada, Ontario 1837.
- population dynamics *Zyginidia quyumi*, humidity/temperature effects on, Pakistan 1866.
- population ecology *Platyptilia carduidactyla* 9570.
- population establishment Reduviidae, artificial ecotopes, South America 5711.
- population estimation, *Empoasca fabae* 1120.
- population genetics, enzymes polymorphism, *Anopheles* 4340.
- population genetics, linkage disequilibrium, *Drosophila subobscura* 7630.
- population genetics, selection, *Drosophila melanogaster*, mathematical models 2758.
- population genetics, selection, *Drosophila melanogaster* 5943.
- population genetics, selection, *Tribolium castaneum* 8850.
- population genetics *Chironomus stigmaterus* 5095.
- population genetics/evolutionary genetics *Aedes aegypti* 5098.
- population growth, cold acclimation, *Sitophilus* 1556.
- population growth, *Dacus* 8538.
- population growth, rearing *Trichogramma brasiliensis* 6483.
- population growth/population dynamics *Folsomia candida* 458.
- population growth *Sitophilus*, environmental effects, rearing 2426.
- population levels, Formicidae, Jamaica 4878.
- population levels, seasonal variations, *Culicoides brevitarsis*, parasites cattle, Australia Queensland 2538.
- population levels, seasonal variations, mortality factors, *Boophilus microplus*, cattle 4066.
- population levels *Anthonomus grandis*, pest status, shelterbelts effects on 6710.
- population levels Araneae *Glycine max* 8566.
- population levels *Diabrotica*, sampling, methodology 2964.
- population levels *Drosophila*, India 6626.
- population levels effects on mimicry, *Zygaena ephialtes* 1855.
- population levels effects on selection pupae weight, *Tribolium castaneum* 9766.
- population levels/forest management *Dendroctonus frontalis*, USA Texas 5763.
- population levels Insecta pests *Brassica oleracea*, seasonal variations, India Solan 6707.
- population levels *Oligonychus pratensis* /*Tetranychus cinnabarinus*, *Zea mays* crop fields, irrigation effects on 2662.
- population levels/population structure evaluation methodology, *Glossina morsitans* /*Glossina pallidipes*, Rhodesia 1125.
- population levels/sampling Araneae/Staphylinidae, forests, Finland Mantyhärju 5751.
- population levels/species diversity annual variations Araneae, snow, Finland 5767.
- population levels/species diversity Culicidae, measuring techniques, methodology 6608.
- population regulation, *Poecilocerous pictus* 5714.
- population regulation, selection, *Tribolium* 2036.
- population regulation *Aedes*, Khadyt R., USSR 8772.
- population regulation Aphididae 5750.
- population regulation *Choristoneura occidentalis*, role parasitism, Canada British Columbia 7362.
- population regulation *Eucallipterus tiliac*, mathematical models 5753.
- population regulation Lepidoptera/Hymenoptera pests, forests, environmental factors 2567.
- population regulation *Magicalcaca cassini* 1832.
- population regulation *Orgyia antiqua*, parasitism, orchards, Poland 7453.
- population regulation pests, agricultural ecosystems 4201.
- population stability, dispersal effects on, Carabidae 5694.
- population stability Scolytidae communities, forests 4081.
- population status *Monomorium pharaonis*, urban environments, Poland Warsaw 5749.
- population structure/life tables, *Glossina morsitans* 6468.
- population structure/population genetics, *Lethe appalachia* /*Lethe eurydice* 600.
- population studies, Aphididae 9577.
- population studies, emergence, Plecoptera, streams, USA South Carolina 1993.
- population studies, methodology, Culicidae, USA Michigan 3721.
- population studies, methodology, *Dendroctonus frontalis* 5702.
- population studies, mortality factors, *Periscyphis granai* 1088.
- population studies, mortality factors, *Thyridopteryx ephemeriformis* 471.
- population studies, pheromone traps, *Cydia pomonella* 8565.
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